RESTRICTED CIRCULATION

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Agricultural Memorandum No 680a

Weather and the Common Cold

L P Smith

The analysis of Ag Mem No 680 was repeated using a 4 week period for the minimum temperature (N') starting 3 days (instead of 7 days) before the 4 week disease period.

It was found over the 60 data set

$$C = 96.5 + 0.44F - 0.4M - 7.24\,N'$$

with a multiple correlation of 0.8089 and a correlation over the 39 set independent data of 0.8536.

Partial correlations were

C on F	0.54
on M	- 0.36
on N'	- 0.53

Little further progress is to be expected using temperature data from only one site (Kew).

Any comments or suggestions on this paper should be referred to the author.

Meteorological Office
Bracknell

November 1974